



Fig.1

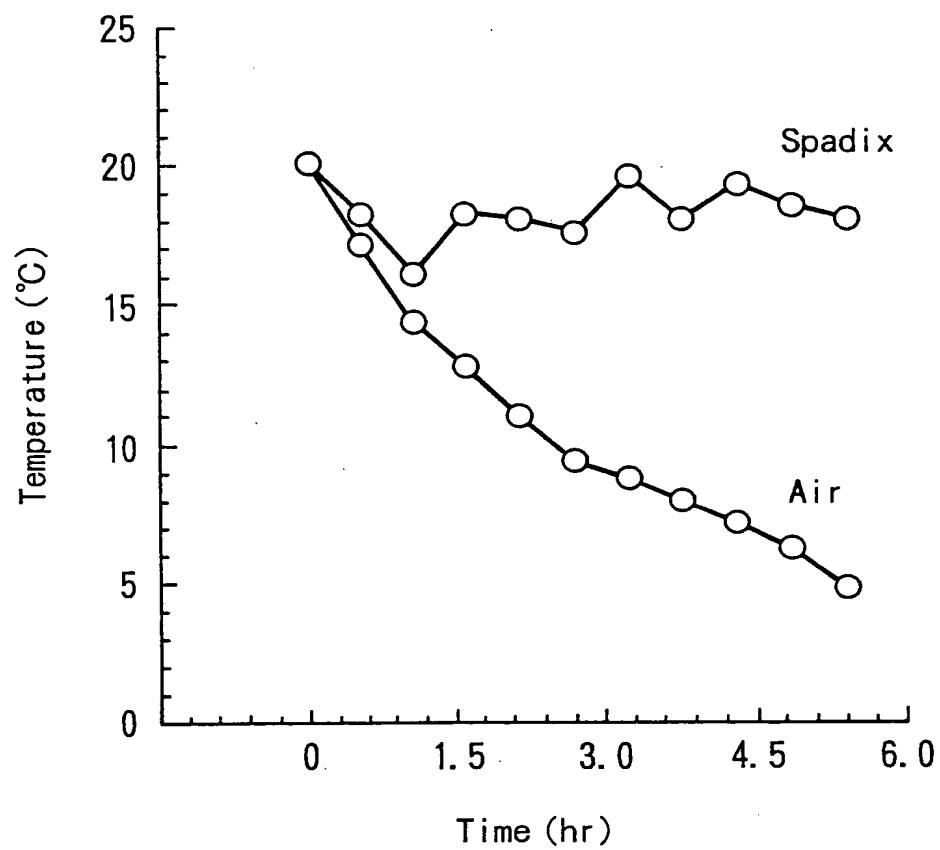
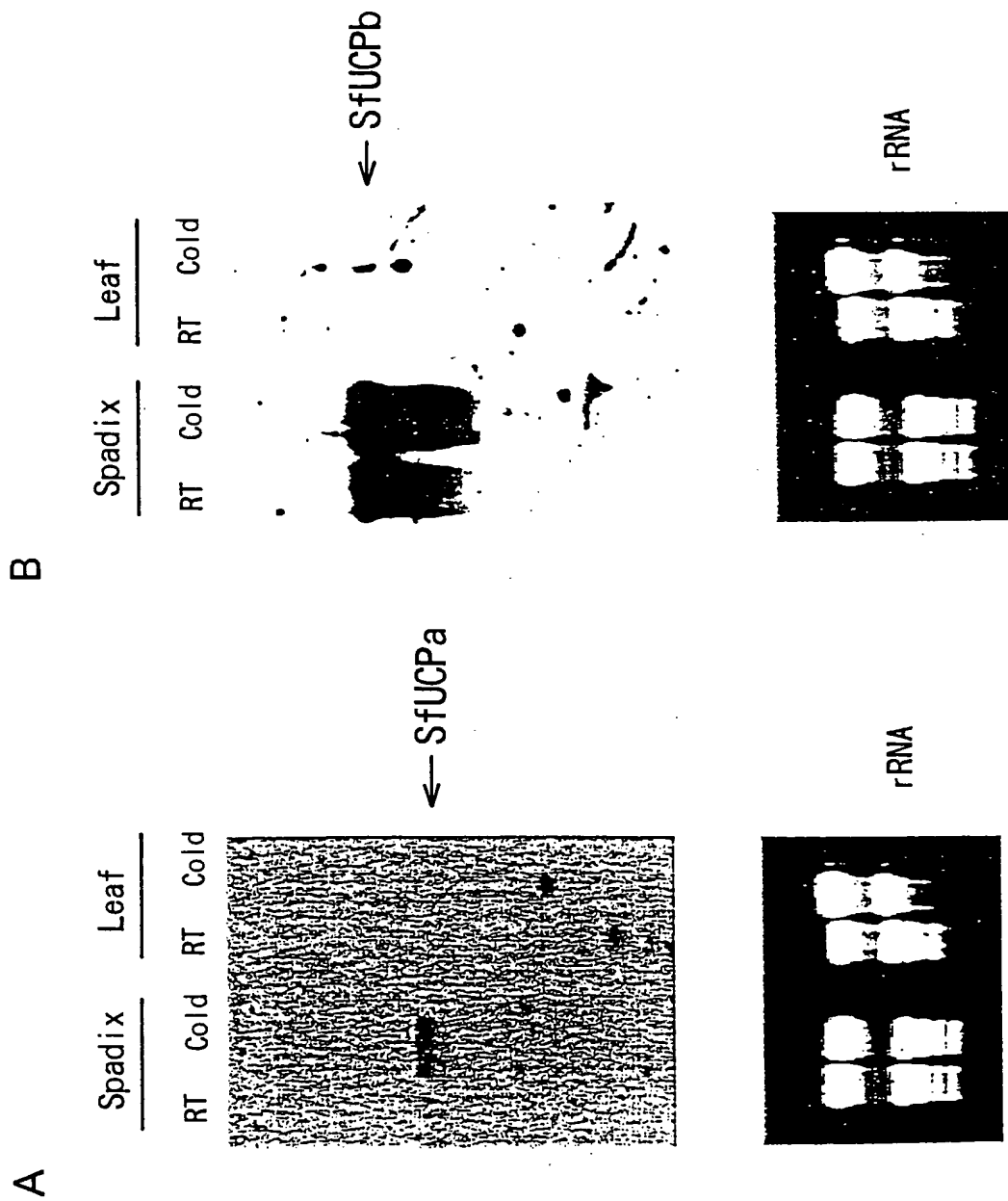


Fig.2



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SfUCPA	57	RGMLGTVATIAREEGLSALWKGIVPGLHRQCLFGGLRIGLYEPVKSFYVG--- <td>114</td>	114
SfUCPB	57	RGMLGTVATIAREEGLSALWKGIVPGLHRQCLFGGLRIGLYEPVKSFYVG--- <td>114</td>	114
StUCP	60	RGLLGTVGTIAKEEGLASLWKGIVPGLHRQCIYGGLRIGMYPEVKNLVYG---KDHVGDVP	117
AtPUMP	58	RGLLGTVGTIAREEGLRSLWKGIVPGLHRQCLFGGLRIGMYPEVKNLVYFTGKDFVGDVP	117
human UCP1	56	KGVLGTITAVVKTEGRMKLYSGLPAGLQRQISSASLRIGLYDTVQEFLTA---GKETAPS	112
human UCP2	60	RGVMGTILTMVRTEGPRSLYNGLVAGLQRQMSFASVRIGLYDSVKQFYT-----KGSZHAS	115
human UCP3	59	RGVLGTILTMVRTEGPCSPYNGLVAGLQRQMSFASIRIGLYDSVKQVYTP---KGADNSS	115

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Fig.3 Down

VI

SfUCPA	230	VCIGSPVDVVKSRM	MGDS--AYKSTFDCF	IKILKNDGLLAFYKGF	IPNFGRLG--SWNVI	285
SfUCPB	204	-----	MKSRM	MGDS--AYKSTFDCF	IKILKNDGPLAFYKGF	IPNFGRLG--SWNVI
StUCP	233	VCIGSPVDVVKSRM	MGDS--AYKNTLDCFVKTLKNDGPLAFYKGF	IPNFGRLG--SWNVI	288	
AtPUMP	237	VCIGSPVDVVKSRM	MGDSG--AYKGTIDCFVKTLKSDGPHAFYKGF	IPNEGRLGSTWNI	295	
human UCP1	227	TAMSSPVDVVKTRH	INSPPGQYKSV	PNCAMKVFTNEGPTAFKGLVPSFLRLG--SWNVI	284	
human UCP2	229	TVIASPVDVVKTRH	MNSALGQYSSAGHCAL	TMLQKEGPRAFYKGF	MPSTFLRLG--SWNVV	286
human UCP3	232	TVVASPVDVVKTRH	MNSPPGQYFSPLDCMIK	VAQEGPTAFYKGF	TPSTFLRLG--SWNVV	289

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SfUCPA	286	MFLTLEQVKKFF	IKVVPN-----	303
SfUCPB	251	MFLTLEQVKKFF	IKVVPN-----	268
StUCP	289	MFLTLEQAKKFVKS	LESP-----	306
AtPUMP	296	MFLTLEQAKKYVRELD	ASKRN--	316
human UCP1	285	MFVCFEQLKRELSK	RQTHDCAT	307
human UCP2	289	MFVTTYEQKRALMA	ACTSREAPF	309
human UCP3	290	MFVTTYEQKRALMKVQ	MLRESPP	312

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Fig.4

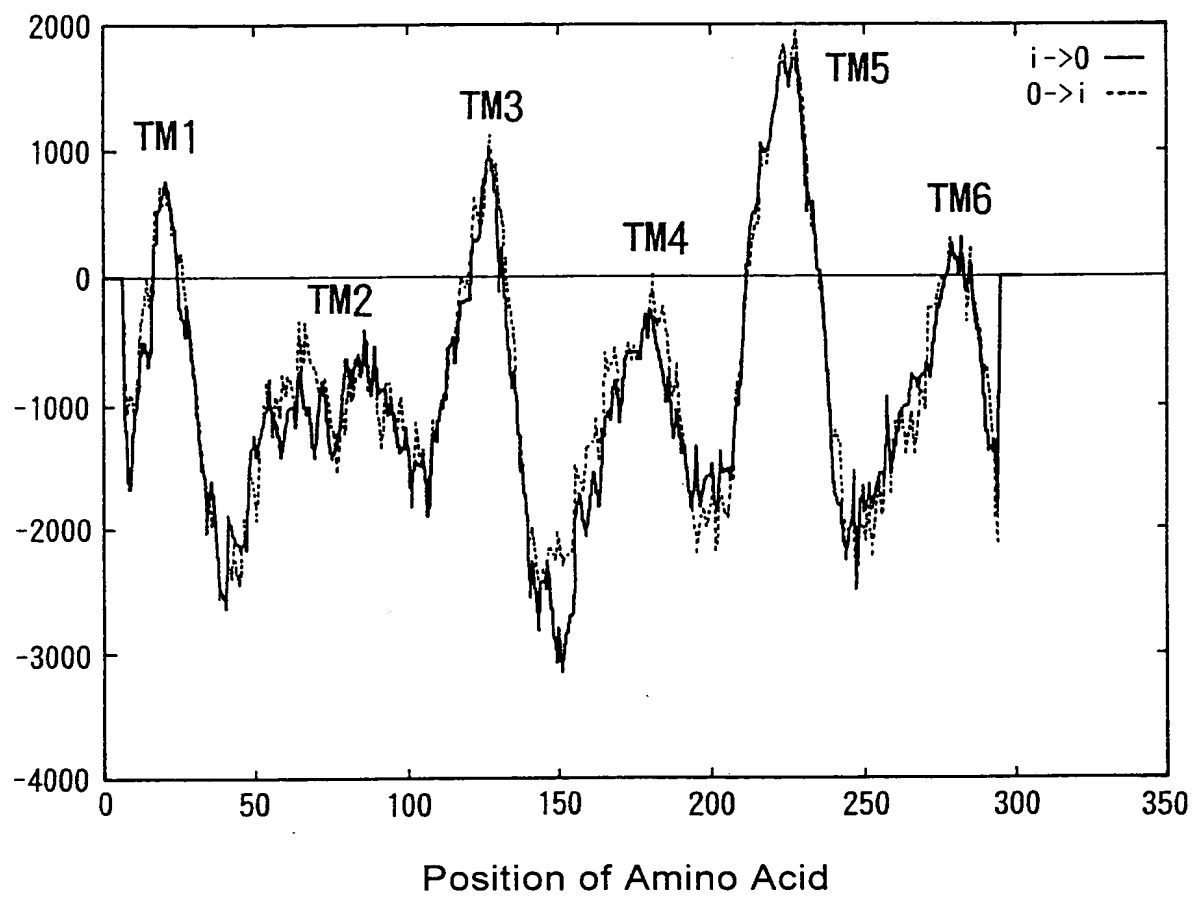


Fig.5

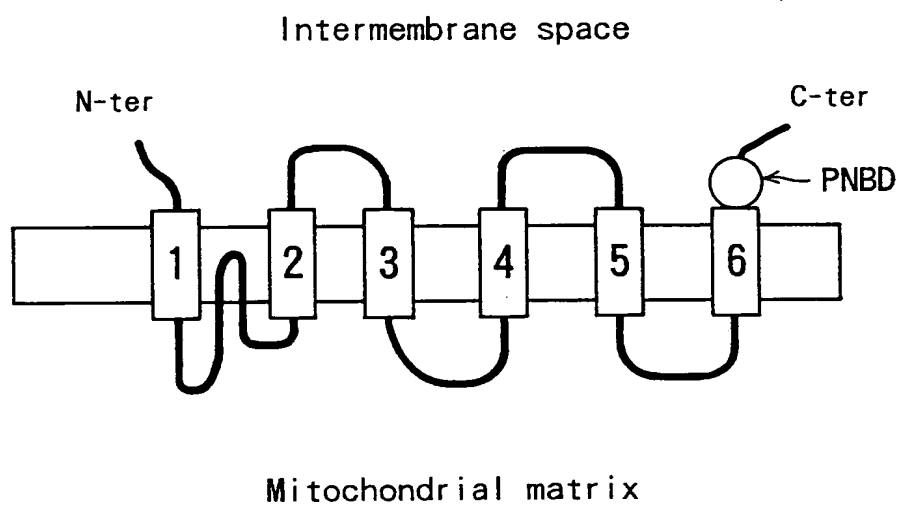


Fig.6

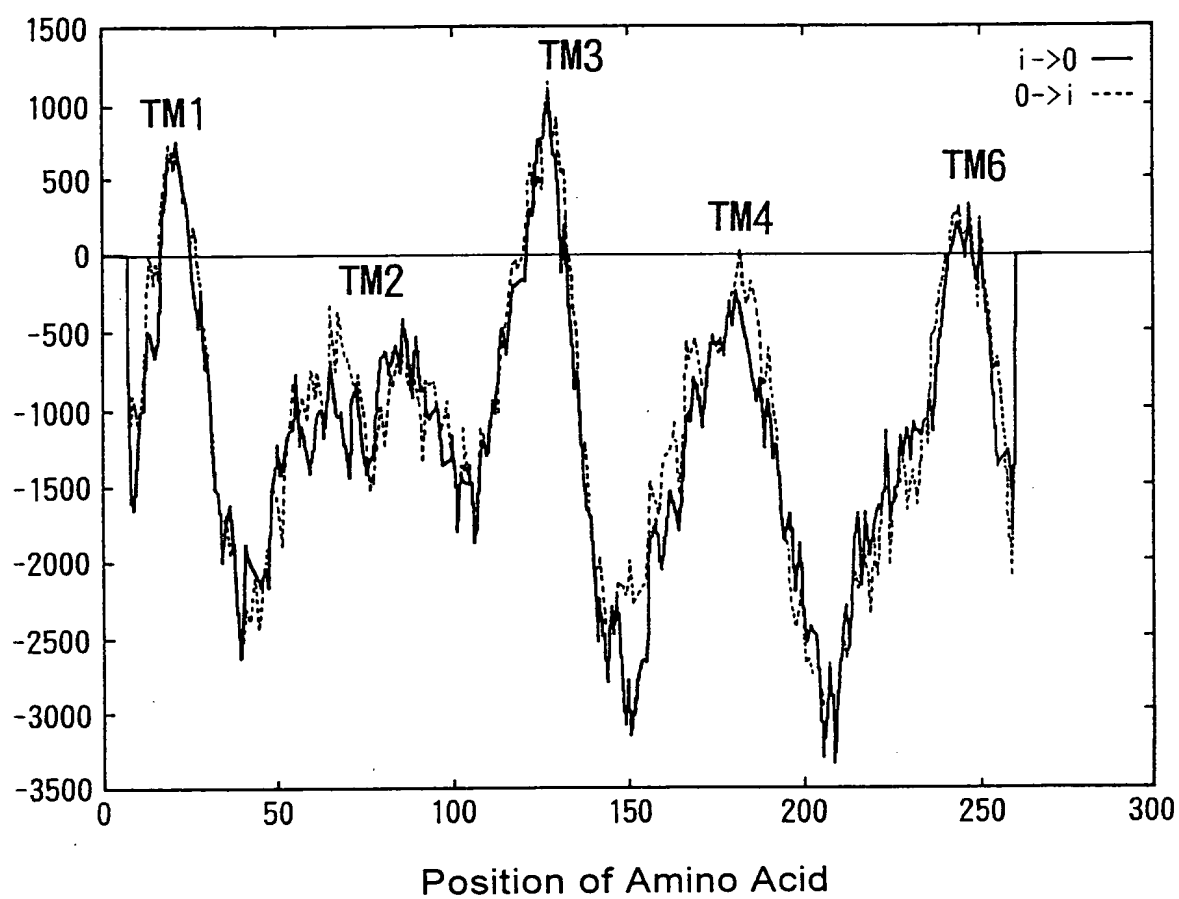


Fig.7

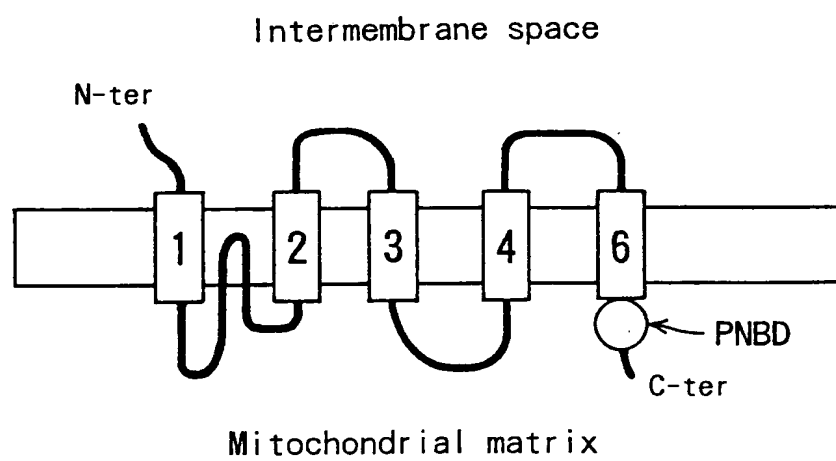


Fig.8

